

From: [Stevens, Richard](#)
To: [Chris Hornback](#)
Subject: RE: EPA Update for NACWA Biosolids Committee
Date: Thursday, January 15, 2015 2:43:00 PM
Attachments: [image001.gif](#)
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[image004.gif](#)

Hi Chris, Happy New Year to you as well!

As requested, here are some of the things I am working on this year, at least through fourth quarter FY 2015:

Risk assessment for TNSSS pollutants:

- Full probabilistic RA for the Phase I TNSSS pollutants (i.e., barium, beryllium, manganese, molybdenum, silver, pyrene, 4-Chloroaniline, fluoranthene, nitrate and nitrite)
 - Completed at the end of 2014 preliminary draft responses to three comments documents:
 - Peer Review
 - National Association of Clean Water Agencies (NACWA)
 - W3170 Committee
 - Finalize response to comments documents (2QFY2015)
 - Update the Technical Background Document with new text that incorporates comment responses (3QFY2015)
- Screen Phase II pollutants (up to 135 pollutants with sufficient data) utilizing the BCRAM Screening Tool and input from the 10 TNSSS pollutants RA (4QFY2015)

Biennial Review:

- Incorporate edits for the draft summary *Update of the biosolids inventory in support of Biennial Review Cycle 2011* and submit for final clearance
- Summarize progress of Biennial Review 2013 and submit for management review

Reevaluate Dioxin and dioxin-like congeners utilizing a non-cancer IRIS human health benchmark (RfD)

- Draft document prepared
- Prepare peer review charge questions / work statement (timeframe TBD)
- Peer review (timeframe TBD)

Develop and refine scientific tools available for evaluating risks for pollutants found in biosolids:

- An updated version of the BCRAM screening tool and User's Guide are being prepared for external peer review starting in 2QFY2015:
 - Finalized testing for download functionality on a secure ftp site and addressed comments on the draft model
 - Awaiting selection of a peer review panel by Versar
- For the full scale probabilistic model, continue efforts to integrate LandApp into FRAMES reading data from the system database used in the ten pollutant risk assessment. The latest effort includes setting up and running the model with EPA's Supercomputer for Model Uncertainty and Sensitivity Evaluation (SuperMUSE), which is a key framework designed for enhancing quality assurance in environmental models and applications.

Other:

- Identify a path forward for products derived from sewage sludge (e.g., Struvite)

Make the Biosolids Webpage Drupal WebCMS and One EPA Web compliant (4QFY2015)
Please call with any questions.
Thanks,
Rick Stevens

From: Chris Hornback [mailto:CHornback@nacwa.org]

Sent: Wednesday, January 14, 2015 9:47 AM

To: Stevens, Richard

Subject: EPA Update for NACWA Biosolids Committee

Rick –

Happy New Year! I am preparing for a meeting of NACWA's Biosolids Management Committee on February 2 and was hoping to get the latest on what your office will be working on this year. I know there was a lot of work relating to the 10 pollutant risk assessment last year, so any updates on that. But also any other work you have underway... anything related to PCBs, PFCs, etc.

I'd appreciate any updates you can provide.

Thanks,

-Chris

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